

Fig. 1

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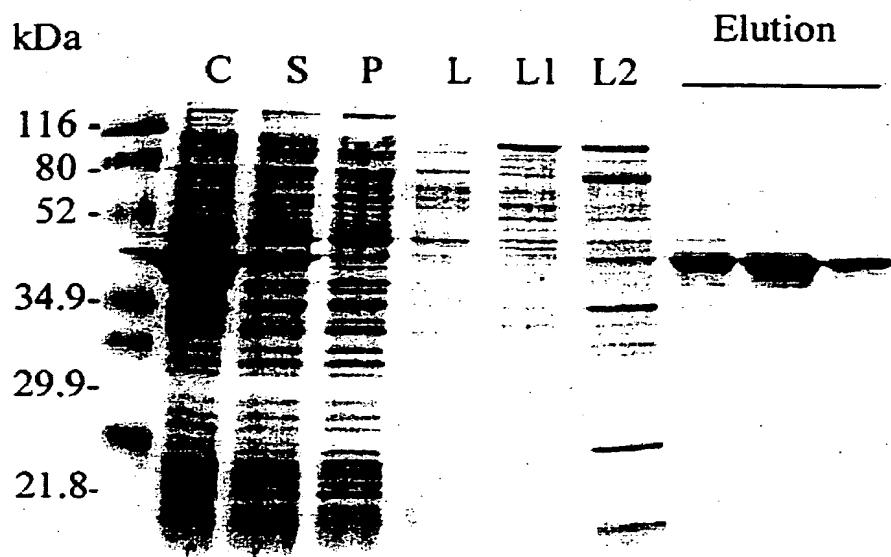
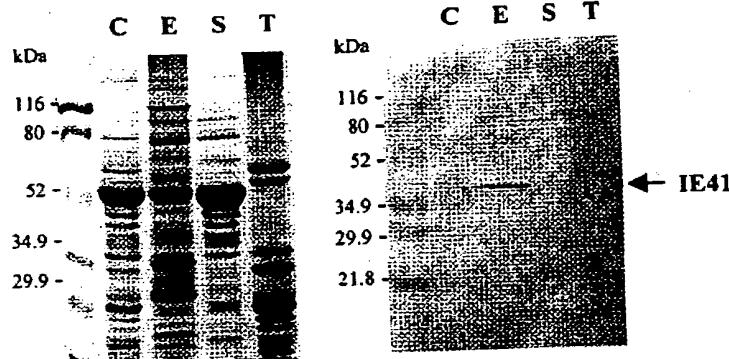


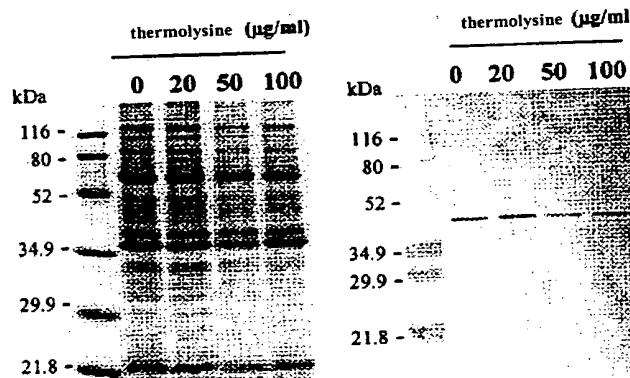
Fig. 2

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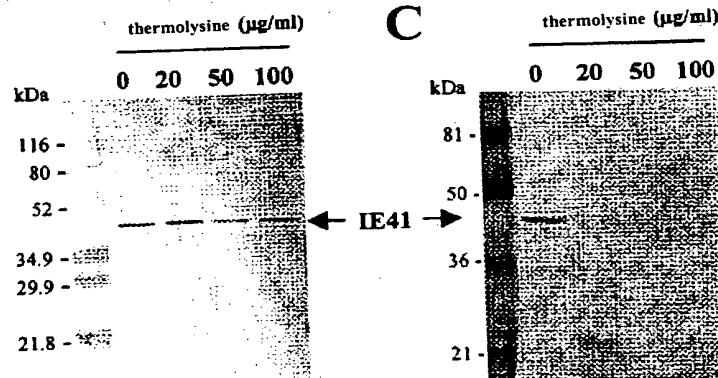
**A**



**B**



**C**



**D**

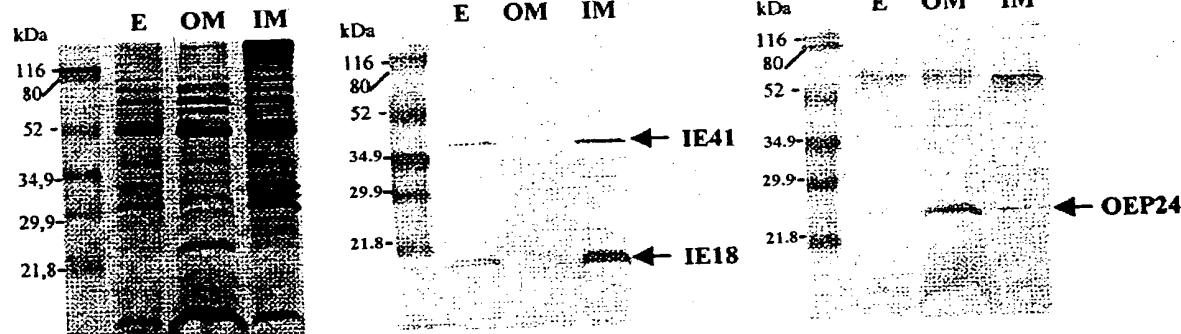


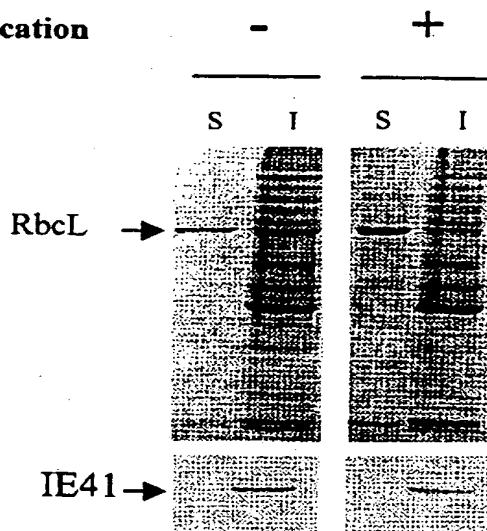
Fig. 3

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A

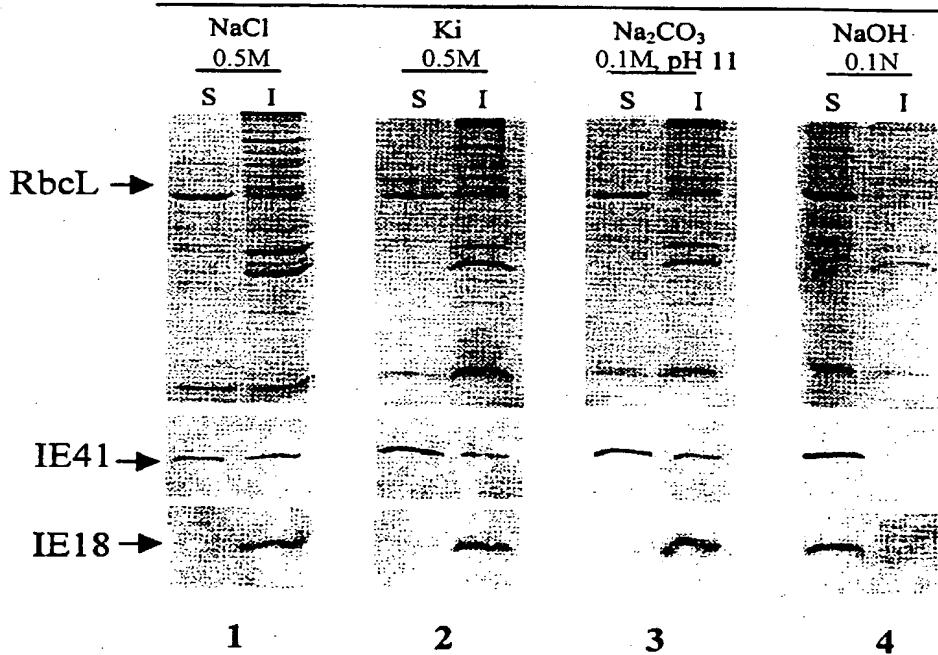
Sonication



B

Sonication

+



C

Triton    0.05%    0.1%    0.2%

Mix	M	S	Mix	M	S	Mix	M	S
-----	---	---	-----	---	---	-----	---	---

IE41 →

Fig. 4

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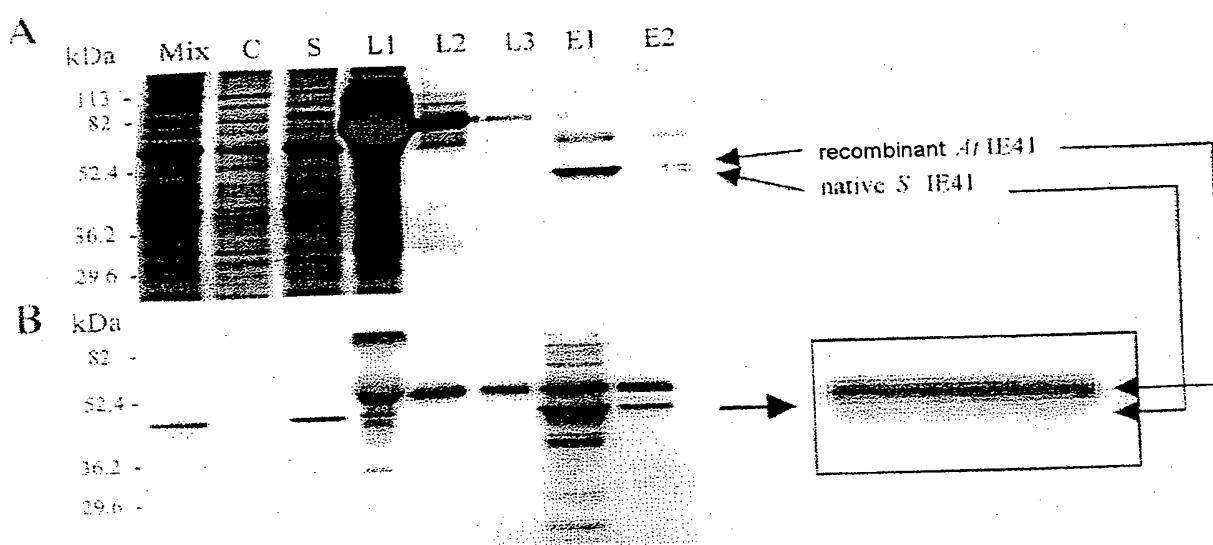


Fig. 5

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Fig. 6

QORECOLI	-----EEHKH-----V/QAV-E/P/D/A/E/N/E/Q/E/N/K/A/I/E
QORYEAST	M/KC/I/PEQQ/V/L/IDEI/Y-V/RYE-Y-V/S/I/SEE/E/I/E/N/K/Y/T
QORCAVPO	G/O/M/A/R/V/F/E/E/V/K/Q/S/V/V/I/S/K/D/H/Q/I/E/W/H/A/C
QORMOUSE	G/O/M/A/R/V/F/E/E/V/K/L/Q/S/V/V/I/S/O/S/H/Q/I/E/W/H/A/C
IE41 ATH	-----M/R/Q/Y/S/V/A/A/G/E/H-Y-Q/V/T/K/S/N/E/C/M/B/A/T
IE41 SOL	-----M/R/Q/Y/S/V/A/A/G/E/H-Y-Q/V/T/K/S/D/E/I/G/T/E/A/T
QORECOLI	TY/R/S/-Y--PSL/SGL/M/A/I/S/K/V/S/G/K/H/I/A/V-Y-Q/A/L
QORYEAST	SY/F/-Y--CEK-Y/L/R/A/T/W/A/K/K/G/T/E/V/Q-B/Y/T/N/T/F
QORCAVPO	TY--G/T/Y/R/-L/L/Y/T/P/V/V/E/S/E/N/D/S/A/K/V--F/T/S/I/S
QORMOUSE	TY--G/A/Y/R/K/-A/L/Y/T/P/V/V/E/S/E/D/K/S/A/K/V--F/C/Y/S/V/S
IE41 ATH	W/K/Q-M/I/R/F/R/F/C/T/P/V/E/V/E/S/G/K/N/A/V/A/V/H/L/C
IE41 SOL	W/K/Q-V/L/R/F/F/T/P/V/E/V/Q/A/S/A/N/R/V/V/A/V/H/H/C
QORECOLI	Y-S/V/H/N/I/A/D/K/A/I/L/F/A/S-F--Q-S/F/K/V/Y/Y/L/R/K/Y/E
QORYEAST	Q/Y/K/I--S/Q/G--M/K/L/K/G/T/S/D/E/L/K/L/Y/G/L/Q/V/I/S/F/T/N/E/Y/H
QORCAVPO	Y-E/Y/E/A/S/D/H--Y/P/L/E--K/L-F/R/Q--E/G/P/Y/F/C/R/A/F/H/A/R/A
QORMOUSE	Y-E/E/L/A/D/D--Y/P/L/E--E/L/N-F/R/Q--E/G/P/Y/F/C/R/A/F/H/A/R/A
IE41 ATH	L/E/P/V/A/T/K/L/K/R/P/O/E/G/A/A--E/P/A/G/E/D/C/A/T/N/A/G/E/L/E
IE41 SOL	L/E/Y/V/A/K/N/L/K/R/P/E/E/S/A/A--E/P/A/T/H/O/A/T/O/F/A/N/L/E
QORECOLI	-D--O/F/H-----L/I/C/W/A/L/G/A/I/V/W/A/S/K/A/Q/S/A/L/K/A/I/W/Q
QORYEAST	-K--Y/F-----L/I/L/N/L/M/K/G/T/I/V/A/S/D/E/K/K/I/A/E/Y
QORCAVPO	-S--H-----L/A/C/A/Y/G/L/L/A/E/E/G/Q/K/V/L/Q/N/H/E
QORMOUSE	-S--H-----L/A/C/A/H/G/L/L/A/E/E/G/K/K/V/L/Q/N/H/E
IE41 ATH	G/K/K/A/N/T-----H/Y/V-----L/A/N/A/T/C/C/R/N-E/F/V/K/S/L/D/E
IE41 SOL	G/R/K/N/T-----H/Y/V-----L/A/N/A/T/C/C/R/N-E/F/V/K/G/L/D/E
QORECOLI	T/N/Y/E/E/D/L/V/E/K/I/T/G--K-V/R/V/Y/D/S/V/R/D/T/W/E/S/L/D/C/Q/R/R/L/S/F/N
QORYEAST	T/N/A/S/K/E/D/I/L/R/Q/V/L/K/F/T/N/G--G/V/A/S/F/D/S/V/K/D/T/F/E/I/S/L/A/K/R/K/V/F/S/F/N
QORCAVPO	F/N/H/D/A/H/Y/I/D/E/K/K/S/I/E--G/V/V/I/E/M/L/N/V/N/L/S/D/L/K/L/S/C/G/R/I/V
QORMOUSE	F/N/H/E/A/N/Y/I/D/K/K/M/S/V/D/D/K/G/V/V/I/E/M/L/N/E/N/L/S/D/L/K/L/S/H/G/R/V
IE41 ATH	E/D/Y/T/P/E/G/A-A/K-S/P/G--K-Y/A/V/H/C/A/N/G/P/E/S/V/F/E/P/N/S/E/N/K/D/T/P
IE41 SOL	E/D/Y/T/P/E/G/A-A/T-S/P/G--K-Y/Y/V/H/G/A/G/I/P/W/S/T/F/E/P/N/S/E/A/K/D/T/P
QORECOLI	S/S/T/G/V/N/E/G/I/I/N/Q/K/G/S/L/Y/V/T/R/P/S/L/Q/Y/E/T-E/E/L/T/A/S/N/E/F/S/I/A/S/E/V
QORYEAST	A/S/L/P/P/E/I/T/I--N/I/T/L/V/P/O/Y/Y/I/A/D/E/W/K/Y/S/D/E/F/G/E/I/N-E/K-
QORCAVPO	C/R/E/I/N--D/M/E/T/I/S/G/V/S/F/S--E/F/Q/O/A/S/T/G/A/G/E/L/E/W
QORMOUSE	C/R/E/I/N--D/M/E/T/S/I/I/G/V/S/S/S--E/F/Q/A/G/E/G/E/K/G/W
IE41 ATH	G/P/N/W/E/W/K/T/M--K-Q/V/L/L/I/A/N/L/E--M/N/I/K/E/K/K
IE41 SOL	G/P/M/E/W/K/T/E--K-Q/V/L/L/I/T/P/N/F--V/I/N/I/K/E/K/K
QORECOLI	V/D/A/E/Q/Q/K/Y/K/D/Q/R/H/E-T/E/E/R/A/Q/S/S--I/P
QORYEAST	L/N/K/I/Y/K/T/Y/R/D/Y/R/T/A/A/D/E/R/K/V/E/I/P/O
QORCAVPO	I/B/G/S/Q--Y/E/K/S/Q/H/E/N/H/S/S/V/T/I/L/M
QORMOUSE	I/B/G/S/E--Y/E/K/A/Q/H/E/D/H/S/C/K/T/M/L/L
IE41 ATH	I/V/D/S--K/H/S/K/E/D/W/A/K/S/E/H/A--E/P
IE41 SOL	I/V/D/S--K/H/S/K/E/D/W/S/R/G/H/A--E/P

Fig. 7

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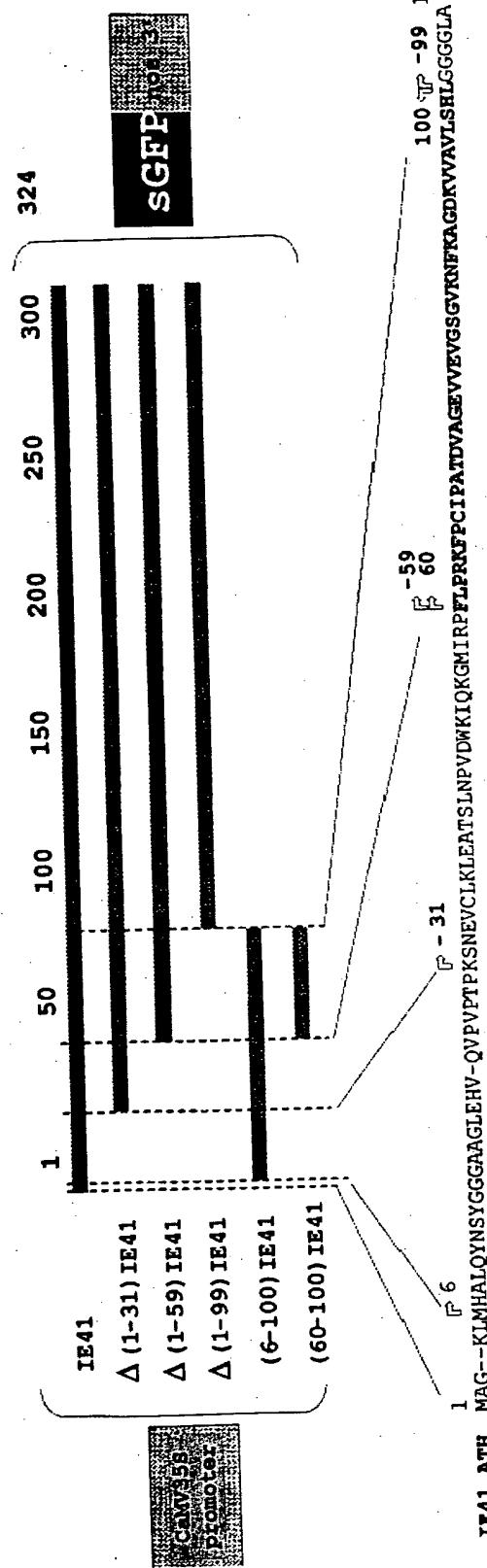


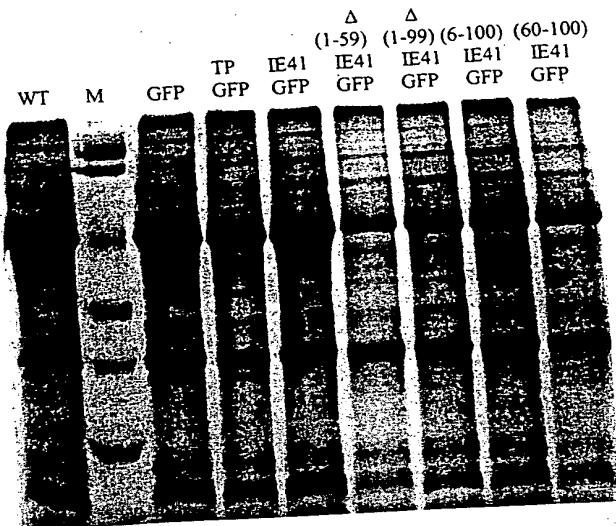
Fig. 8

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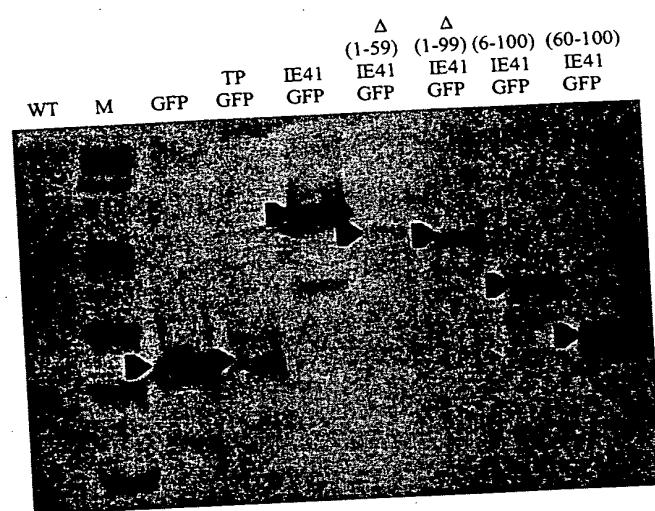
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10/517309

A



B



C

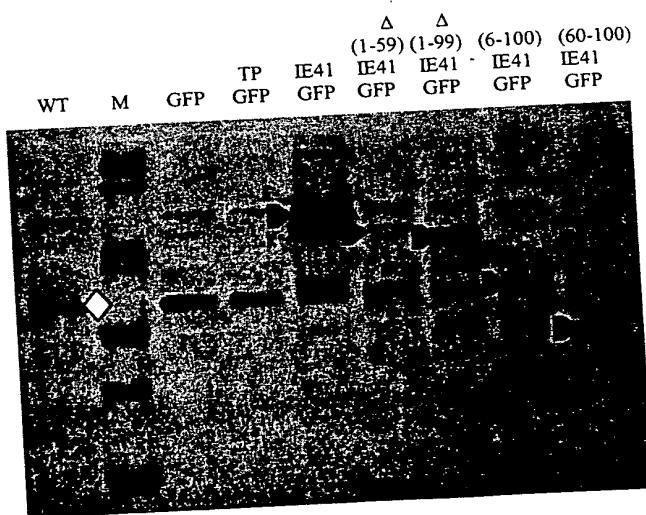


Fig. 9

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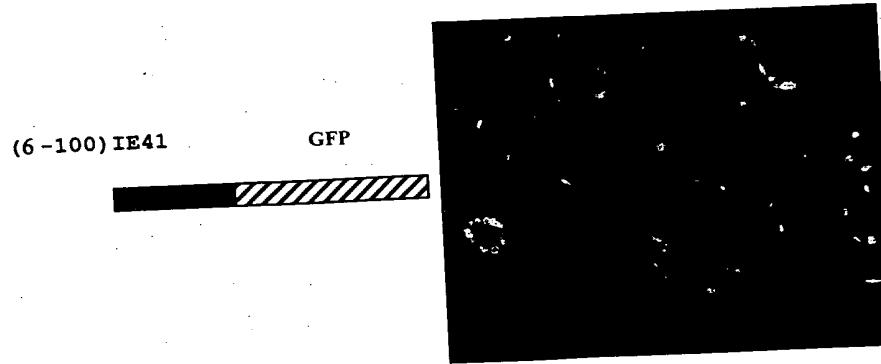
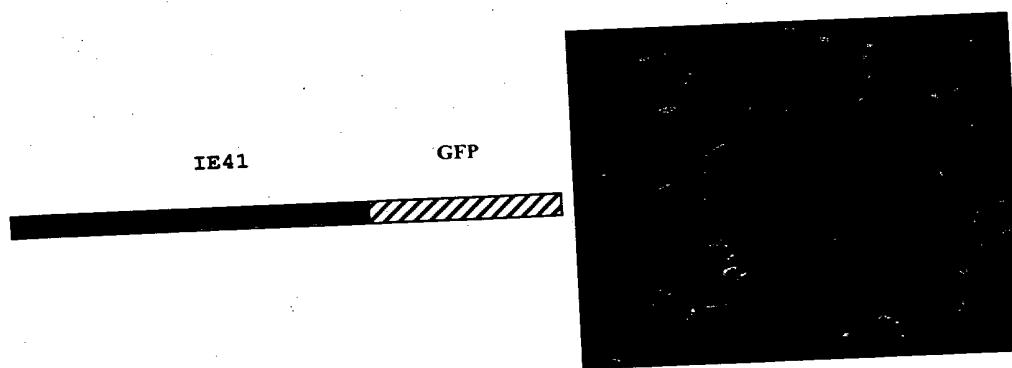
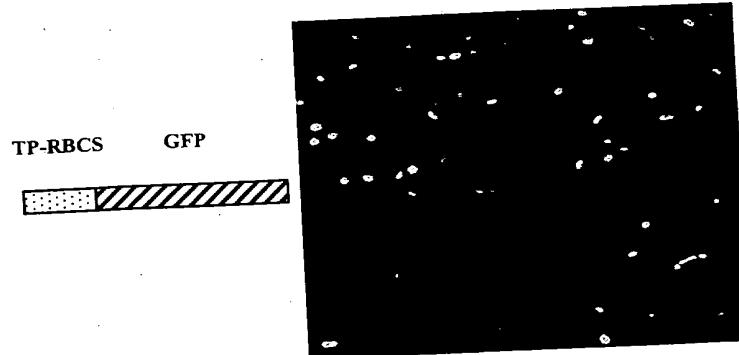
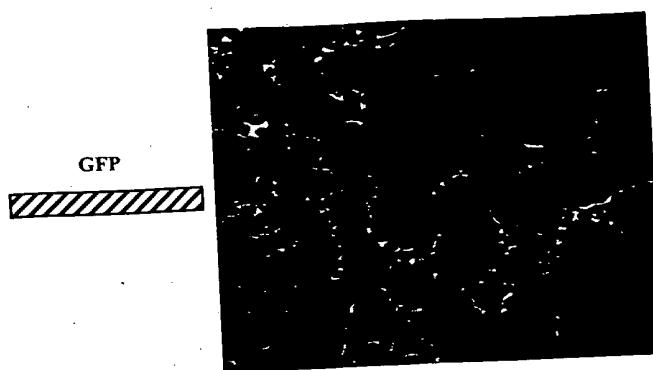


Fig. 10

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